

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	93	blood same membrane same (elut\$5 or dilut\$5) same (ethanol or chaotropic salt)	US-PGPUB; USPAT	ADJ	ON	2009/02/13 10:44
L2	701	(blood or protein) same membrane same (elut\$5 or dilut\$5) same (ethanol or chaotropic salt)	US-PGPUB; USPAT	ADJ	ON	2009/02/13 10:52
L3	248	(blood or protein) near5 membrane same (elut\$5 or dilut\$5) same (ethanol or chaotropic salt)	US-PGPUB; USPAT	ADJ	ON	2009/02/13 10:52
L4	15	(blood or protein) near5 membrane same (elut\$5 or dilut\$5) near5 (ethanol or chaotropic salt)	US-PGPUB; USPAT	ADJ	ON	2009/02/13 10:52
L5	18	(blood or protein or sample) near5 membrane same (dilut \$5) near5 (ethanol or chaotropic salt)	US-PGPUB; USPAT	ADJ	ON	2009/02/13 10:54
L6	63	(blood or protein or sample) same membrane same (dilut\$5) near5 (ethanol or chaotropic salt)	US-PGPUB; USPAT	ADJ	ON	2009/02/13 10:54
L7	33	(blood or protein) same membrane same (dilut \$5) near5 (ethanol or chaotropic salt)	US-PGPUB; USPAT	ADJ	ON	2009/02/13 10:55
L8	17	(blood or protein) near5 membrane same (dilut \$5) near5 (ethanol or alcohol or chaotropic salt or surfactant or emulsifier or organic solvent)	US-PGPUB; USPAT	ADJ	ON	2009/02/13 10:56
L9	39	("3615024"   "3775308"   "4026977"   "4051300"   "4207182"   "4208508"   "4229291"   "4230583"). PN. OR ("4720343"). URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/02/13 11:01

L10	58	membrane same (dilut\$5) same sample near5 (ethanol or alcohol or chaotropic salt or surfactant or emulsifier or organic solvent)	US-PGPUB; USPAT	ADJ	ON	2009/02/13 11:02
L11	282	(filter or filtration) same (dilut\$5) same sample near5 (ethanol or alcohol or chaotropic salt or surfactant or emulsifier or organic solvent)	US-PGPUB; USPAT	ADJ	ON	2009/02/13 11:05
L12	111	(filter or filtration) same (dilut\$5) same sample near5 (ethanol or alcohol or chaotropic salt or surfactant or emulsifier or organic solvent) and (protein or blood)	US-PGPUB; USPAT	ADJ	ON	2009/02/13 11:05
L13	405	(protein or blood) (purification or filtration) and (dilut\$5) near5 (ethanol or alcohol or chaotropic salt or surfactant or emulsifier or organic solvent)	US-PGPUB; USPAT	ADJ	ON	2009/02/13 11:07
L14	16	(protein or blood) (purification or filtration) and (filter or membrane) same (dilut\$5) near5 (ethanol or alcohol or chaotropic salt or surfactant or emulsifier or organic solvent)	US-PGPUB; USPAT	ADJ	ON	2009/02/13 11:07
L15	71	(protein or blood) near4 (purification or filtration) and (filter or membrane) same (dilut\$5) near5 (ethanol or alcohol or chaotropic salt or surfactant or emulsifier or organic solvent)	US-PGPUB; USPAT	ADJ	ON	2009/02/13 11:09
L16	568	(purification or filtration) and (filter or membrane) same (dilut\$5 or mix\$) same sample near5 (ethanol or alcohol or chaotropic salt or surfactant or emulsifier or organic solvent)	US-PGPUB; USPAT	ADJ	ON	2009/02/13 11:12

L17	122	(purification or filtration) and (filter or membrane) same (dilu\$ or mix\$) near5 sample near5 (ethanol or alcohol or chaotropic salt or surfactant or emulsifier or organic solvent)	US-PGPUB; USPAT	ADJ	ON	2009/02/13 11:12
L18	236	(blood or plasma or serum) same (suspended) near5 (ethanol or alcohol or chaotropic salt or surfactant or emulsifier or organic solvent)	US-PGPUB; USPAT	ADJ	ON	2009/02/13 11:15
L19	146	(purification or filtration) and (blood or plasma or serum) same (suspended) near5 (ethanol or alcohol or chaotropic salt or surfactant or emulsifier or organic solvent)	US-PGPUB; USPAT	ADJ	ON	2009/02/13 11:15
L20	5	(purification or filtration) same (blood or plasma or serum) same (suspended) near5 (ethanol or alcohol or chaotropic salt or surfactant or emulsifier or organic solvent)	US-PGPUB; USPAT	ADJ	ON	2009/02/13 11:16
L21	53	(purification or filtration) same (blood or plasma or serum) same (suspended or dilu\$) near5 (ethanol or alcohol or chaotropic salt or surfactant or emulsifier or organic solvent)	US-PGPUB; USPAT	ADJ	ON	2009/02/13 11:18
L22	71	(purification or filtration or separation) same (blood or plasma or serum) same (suspended or dilu\$) near5 (ethanol or alcohol or chaotropic salt or surfactant or emulsifier or organic solvent)	US-PGPUB; USPAT	ADJ	ON	2009/02/13 11:19

L24	162	(fraction\$ or separation) and (blood or plasma or serum) same (suspended) near5 (ethanol or alcohol or chaotropic salt or surfactant or emulsifier or organic solvent)	US-PGPUB; USPAT	ADJ	ON	2009/02/13 11:21
L25	11	(fraction\$ or separation) and (blood or plasma or serum) same (suspended) near5 (ethanol or alcohol or chaotropic salt or surfactant or emulsifier or organic solvent) same (filter or membrane)	US-PGPUB; USPAT	ADJ	ON	2009/02/13 11:21
L26	14	(fraction\$ or separation or extract\$) and (blood or plasma or serum) same (suspended) near5 (ethanol or alcohol or chaotropic salt or surfactant or emulsifier or organic solvent) same (filter or membrane)	US-PGPUB; USPAT	ADJ	ON	2009/02/13 11:23
L28	0	blood near3 suspended near3 ethanol same filter \$4	US-PGPUB; USPAT	ADJ	ON	2009/02/13 11:25
L29	0	(blood or plasma or serum) near3 suspended near3 ethanol same filter \$4	US-PGPUB; USPAT	ADJ	ON	2009/02/13 11:25
L30	6	(blood or plasma or serum) near3 (suspend\$ or diluted or mixed) near3 ethanol same filter \$4	US-PGPUB; USPAT	ADJ	ON	2009/02/13 11:26
L31	0	(blood or plasma or serum) near3 (suspend\$ or diluted or mixed) near3 ethanol same stored	US-PGPUB; USPAT	ADJ	ON	2009/02/13 11:28
L32	378	(blood or plasma or serum) same stored near3 (ethanol or alcohol or organic solvent or emulsifier or ammonium sulfate or chaotropic salt)	US-PGPUB; USPAT	ADJ	ON	2009/02/13 11:29

L33	8	(blood or plasma or serum) near3 stored near4 (ethanol or alcohol or organic solvent or emulsifier or ammonium sulfate or chaotropic salt)	US-PGPUB; USPAT	ADJ	ON	2009/02/13 11:29
L34	78	(blood or plasma or serum) near5 (stored or suspended) near4 (ethanol or alcohol or organic solvent or emulsifier or ammonium sulfate or chaotropic salt)	US-PGPUB; USPAT	ADJ	ON	2009/02/13 11:30
L35	136	(blood or plasma or serum or protein) near5 (stored or suspended) near4 (ethanol or alcohol or organic solvent or emulsifier or ammonium sulfate or chaotropic salt)	US-PGPUB; USPAT	ADJ	ON	2009/02/13 11:31
L36	52	(blood or plasma or serum or protein) near3 (stored or suspended) near4 (ethanol or alcohol or organic solvent or emulsifier or ammonium sulfate or chaotropic salt)	US-PGPUB; USPAT	ADJ	ON	2009/02/13 11:31
L40	17	protein same filtration and (protein or sample) near3 (stored or suspended) near4 (ethanol or alcohol or organic solvent or emulsifier or ammonium sulfate or chaotropic salt)	US-PGPUB; USPAT	ADJ	ON	2009/02/13 11:41
L41	5	blood same filtration and (blood or sample) near3 (stored or suspended) near4 (ethanol or alcohol or organic solvent or emulsifier or ammonium sulfate or chaotropic salt)	US-PGPUB; USPAT	ADJ	ON	2009/02/13 11:42
L42	2466	protein same blue near3 dye and detection	US-PGPUB; USPAT	ADJ	ON	2009/02/13 11:43
L43	61	protein near2 blue near3 dye and detection	US-PGPUB; USPAT	ADJ	ON	2009/02/13 11:43
L44	28	albumin near2 blue near3 dye and detection	US-PGPUB; USPAT	ADJ	ON	2009/02/13 11:45
L45	136	albumin near5 blue near3 dye and detection	US-PGPUB; USPAT	ADJ	ON	2009/02/13 11:46

L46	10	albumin near5 blue near3 dye same detection	US-PGPUB; USPAT	ADJ	ON	2009/02/13 11:46
L47	23	albumin same blue near3 dye same detection	US-PGPUB; USPAT	ADJ	ON	2009/02/13 11:47
L48	753	albumin same blue near4 dye	US-PGPUB; USPAT	ADJ	ON	2009/02/13 11:47
L49	193	albumin near4 blue near4 dye	US-PGPUB; USPAT	ADJ	ON	2009/02/13 11:48
L50	133	albumin near4 blue near4 dye and (dialysis or filtration)	US-PGPUB; USPAT	ADJ	ON	2009/02/13 11:48
L51	5	albumin near4 blue near4 dye same (dialysis or filtration)	US-PGPUB; USPAT	ADJ	ON	2009/02/13 11:48
L52	7	"4728430"	US-PGPUB; USPAT	ADJ	ON	2009/02/13 12:34
S1	1193	436/178.ocls.	US-PGPUB; USPAT	ADJ	ON	2009/02/05 07:09
S2	214	albumin near4 (filter or separat\$) same membrane	US-PGPUB; USPAT	ADJ	ON	2009/02/05 07:10
S3	321	(albumin or protein) and ("500000" near2 da) or ("50" near2 kda)) near5 (filter or membrane)	US-PGPUB; USPAT	ADJ	ON	2009/02/05 08:02
S4	179	(albumin) and (("500000" near2 da) or ("50" near2 kda)) near5 (filter or membrane)	US-PGPUB; USPAT	ADJ	ON	2009/02/05 08:02
S5	190	(albumin) and ("50000" near2 da) or ("50" near2 kda)) near5 (filter or membrane)	US-PGPUB; USPAT	ADJ	ON	2009/02/05 08:03
S6	24	("3579441"   "3946731"). PN. OR ("4350594"). URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/02/05 08:30
S7	56	albumin near4 (filter or separat\$) same membrane and dilute	US-PGPUB; USPAT	ADJ	ON	2009/02/09 10:04
S8	24	("3579441"   "3946731"). PN. OR ("4350594"). URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/02/09 10:09
S9	8	S8 and dilut\$	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/02/09 10:09

S10	190	(albumin) and (("50000" near2 da) or ("50" near2 kda)) near5 (filter or membrane)	US-PGPUB; USPAT	ADJ	ON	2009/02/09 10:12
S11	171	S10 and dilut\$	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/02/09 10:12
S12	152	S10 and diluted	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/02/09 10:12
S13	3	place near5 (filter or membrane) near3 dilut\$ and albumin	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/02/09 10:15
S14	109	S10 and wash	US-PGPUB; USPAT	ADJ	ON	2009/02/09 10:16
S15	157	S10 and washed	US-PGPUB; USPAT	ADJ	ON	2009/02/09 10:17
S16	61	S10 and wash\$4 near4 (filter or membrane)	US-PGPUB; USPAT	ADJ	ON	2009/02/09 10:17
S17	49764	(filter or membrane) near3 wash\$4 and protein	US-PGPUB; USPAT	ADJ	ON	2009/02/09 10:19
S18	484	(filter or membrane) near3 wash\$4 near3 protein	US-PGPUB; USPAT	ADJ	ON	2009/02/09 10:19
S19	328	(filter or membrane) near3 diluted near3 protein	US-PGPUB; USPAT	ADJ	ON	2009/02/09 10:20
S20	316	(membrane) near3 diluted near3 protein	US-PGPUB; USPAT	ADJ	ON	2009/02/09 10:20
S21	389	(membrane) near3 wash \$4 near3 protein	US-PGPUB; USPAT	ADJ	ON	2009/02/09 10:20
S22	264	S21 and albumin	US-PGPUB; USPAT	ADJ	ON	2009/02/09 10:20
S23	180	210/195.2.ccls. and wash \$4	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/02/09 10:26
S24	95	210/195.2.ccls. and diluted	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/02/09 10:36
S25	2	210/195.2.ccls. and diluted near8 protein	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/02/09 10:36
S26	14	210/195.2.ccls. and diluted near8 (protein or blood)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/02/09 10:36

S27	1	"10570488"	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/02/09 10:42
S28	8	(protein or albumin) (dilution or diluted) near3 filter	US-PGPUB; USPAT	ADJ	ON	2009/02/10 14:02
S29	134	(protein or albumin) (dilution or diluted) near5 (filter or membrane)	US-PGPUB; USPAT	ADJ	ON	2009/02/10 14:04
S30	115	(protein or albumin) (dilution or diluted) near3 (filter or membrane)	US-PGPUB; USPAT	ADJ	ON	2009/02/10 14:04
S31	19	(protein or albumin) (dilution or diluted) near5 (filter or membrane) not S30	US-PGPUB; USPAT	ADJ	ON	2009/02/10 14:06
S32	507	(sample or protein) near3 (dilution or diluted) near3 (filter\$) not S30	US-PGPUB; USPAT	ADJ	ON	2009/02/10 14:07
S33	28	(protein) near3 (dilution or diluted) near3 (filter\$) not S30	US-PGPUB; USPAT	ADJ	ON	2009/02/10 14:07
S34	122	(protein or blood) near3 (dilution or diluted) near3 (filter\$) not S30	US-PGPUB; USPAT	ADJ	ON	2009/02/10 14:08
S35	27	(US-20040002165-\$ or US-20040234971-\$).did. or (US-4347138-\$ or US- 4350594-\$ or US- 5250662-\$ or US- 5552325-\$ or US- 5571418-\$ or US- 6001974-\$ or US- 6478960-\$ or US- 6514409-\$ or US- 7441666-\$ or US- 6402913-\$ or US- 6551684-\$ or US- 6855121-\$ or US- 7066900-\$ or US- 7077942-\$ or US- 6464851-\$ or US- 4498990-\$ or US- 5234608-\$ or US- 6054051-\$ or US- 7455771-\$ or US- 7316919-\$ or US- 3963613-\$ or US- 4702829-\$ or US- 4789482-\$ or US-	US-PGPUB; USPAT	ADJ	ON	2009/02/10 14:49



		5108612-\$ or US-6716356-\$).did.				
S36	12	S35 and (mass spectromet\$ or electrophore\$ or liquid chromatography)	US-PGPUB; USPAT	ADJ	ON	2009/02/10 14:49
S39	55	blood near3 filter and filter near5 (alcohol or ethanol)	US-PGPUB; USPAT	ADJ	ON	2009/02/10 15:41
S42	217	filtration near5 (dilute or wash) near5 (alcohol or ethanol)	US-PGPUB; USPAT	ADJ	ON	2009/02/10 15:43
S43	113	S42 and (blood or serum)	US-PGPUB; USPAT	ADJ	ON	2009/02/10 15:44
S44	214	filter near5 (dilute or wash) near5 (alcohol or ethanol) and blood	US-PGPUB; USPAT	ADJ	ON	2009/02/10 15:44
S45	1	filter near5 (dilute or wash) near5 (alcohol or ethanol) same blood	US-PGPUB; USPAT	ADJ	ON	2009/02/10 15:44
S46	0	filter near5 (suspend\$) near5 (alcohol or ethanol) same blood	US-PGPUB; USPAT	ADJ	ON	2009/02/10 15:45
S47	4	filter near5 (blood or serum) same (blue dye)	US-PGPUB; USPAT	ADJ	ON	2009/02/10 15:46
S48	80	filter near5 (blood or serum) same (dye)	US-PGPUB; USPAT	ADJ	ON	2009/02/10 15:46
S49	56	filter near5 (blood or serum) same (dye) and membrane	US-PGPUB; USPAT	ADJ	ON	2009/02/10 15:47
S50	134	albumin near3 blue near3 dye	US-PGPUB; USPAT	ADJ	ON	2009/02/10 15:50
S51	128	albumin near3 blue near2 dye	US-PGPUB; USPAT	ADJ	ON	2009/02/10 15:50
S54	38	albumin same filter same blue near2 dye	US-PGPUB; USPAT	ADJ	ON	2009/02/10 15:51
S55	75	albumin same (filter or membrane) same blue near2 dye	US-PGPUB; USPAT	ADJ	ON	2009/02/10 15:52

S56	27	(US-20040002165-\$ or US-20040234971-\$).did. or (US-4347138-\$ or US-4350594-\$ or US-5250662-\$ or US-5552325-\$ or US-5571418-\$ or US-6001974-\$ or US-6478960-\$ or US-6514409-\$ or US-7441666-\$ or US-6402913-\$ or US-6551684-\$ or US-6855121-\$ or US-7066900-\$ or US-7077942-\$ or US-6464851-\$ or US-4498990-\$ or US-5234608-\$ or US-6054051-\$ or US-7455771-\$ or US-7316919-\$ or US-3963613-\$ or US-4702829-\$ or US-4789482-\$ or US-5108612-\$ or US-6716356-\$).did.	US-PGPUB; USPAT	ADJ	ON	2009/02/13 07:39
S57	13	S56 and (chromatography or hplc)	US-PGPUB; USPAT	ADJ	ON	2009/02/13 07:39
S59	4322	filtrate near3 (chromatography or hplc)	US-PGPUB; USPAT	ADJ	ON	2009/02/13 07:44
S70	1994	filtrate near3 (chromatography or hplc) and blood	US-PGPUB; USPAT	ADJ	ON	2009/02/13 07:49
S71	36	filtrate near3 (chromatography or hplc) same blood	US-PGPUB; USPAT	ADJ	ON	2009/02/13 07:49
S73	0	filtrate near3 flow near3 chromatography	US-PGPUB; USPAT	ADJ	ON	2009/02/13 07:57
S74	12140	(protein or blood) near3 filter	US-PGPUB; USPAT	ADJ	ON	2009/02/13 07:57
S75	5396	dialysis and membrane and analyzer	US-PGPUB; USPAT	ADJ	ON	2009/02/13 07:58
S76	31739	dialysis and membrane and chromatography	US-PGPUB; USPAT	ADJ	ON	2009/02/13 07:58
S77	899	dialysis near3 membrane and analyzer	US-PGPUB; USPAT	ADJ	ON	2009/02/13 07:58

S78	544	dialysis near3 membrane and analyzer and chromatography	US-PGPUB; USPAT	ADJ	ON	2009/02/13 07:58
S79	45	dialysis near3 membrane and analyzer same chromatography	US-PGPUB; USPAT	ADJ	ON	2009/02/13 07:59
S80	8736	(filter or membrane module) same chromatography near3 column	US-PGPUB; USPAT	ADJ	ON	2009/02/13 08:06
S81	3	((filter or membrane) module) same chromatography near3 column	US-PGPUB; USPAT	ADJ	ON	2009/02/13 08:06
S83	84	filtrate near4 flows same chromatography	US-PGPUB; USPAT	ADJ	ON	2009/02/13 08:07
S85	26	(filt\$ or membrane) near3 flow near4 chromatography column	US-PGPUB; USPAT	ADJ	ON	2009/02/13 08:10
S86	31	("2731154"   "2734636"   "3228877"   "3331509"   "3776842"   "4064052"   "4301013"   "4350594"   "4397747").PN. OR ("4498990").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/02/13 08:11
S87	26	("3619423"   "3727612"   "3791926"   "3794584"   "3809613"   "3839200"   "3865726").PN. OR ("3963613").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/02/13 08:11
S88	2787	liquid chromatography column	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/02/13 08:14
S89	20442	filtered solution	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/02/13 08:14
S90	8	S88 and filtered (sample or blood)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/02/13 08:15

2/13/2009 12:39:41 PM

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